

Roman Bronson

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EDUCATION

Bachelor of Science in Computer Science, 3.7

North Carolina A&T State University, **May 2026**

SKILLS

- Python, Java, Javascript, HTML5, Streamlit, BigQuery, VertexAI, Google Cloud Platform, Google GenAI, Powershell, Active Directory, React (Limited), SQL

RELEVANT EXPERIENCE

Google Tech Exchange

January 2024 – May 2024

- Participant in the Google Tech Exchange virtual program that is dedicated to teaching problem solving skills, real life application of data structures, and industry standards to underrepresented students.
- Worked collaboratively to develop and deploy a web application utilizing Google Cloud, GenAI, VertexAI, and BigQuery.
- **Coursework:** Applied Data Structures, Careers in Tech, Software Development Studio

PROJECTS

MixMeisters

February 2024 – April 2024

- Developed an interactive multi-paged web application using Python and Streamlit that leverages the power of AI
 - Page 1: Took user input or an image and created a list of songs based on an activity or mood
 - Page 2: Took saved playlist from database and analyze the kind of listener the user was based on the playlist generated
 - Page 3: Took the name of song or playlist and created an album cover art based on an art genre and name
- Designed an interactive user interface for data input and result visualization.

AggieCalc

April 2023

- Developed a user-friendly graphical user interface (GUI) for a scientific calculator using Java.
- Implemented functionalities for basic arithmetic operations, trigonometric functions, logarithms, and exponentiation. (Handles up to 4 decimals)
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WORK EXPERIENCE

Wireless: Networking Solutions

Lafayette, IN

Intern

June 2022 - Aug 2022

- Developed comprehensive security camera deployment plans using Visio software. These plans detailed the number, type, and precise location of cameras required for optimal coverage.
- Optimized the database structure, utilizing clear and consistent naming conventions and logical data categorization, to ensure intuitive navigation and efficient data access.
- Assisted with onsite workers that lead to smoother repairs and installations by providing resource allocation and clear communication

Northshore Health Centers

Portage, IN

IT Intern

June 2024 - August 2024

- Developed and implemented Powershell scripts to automate user provisioning, updates, and deletions in Active Directory, reducing manual labor by 40%
- Revamped the company's employee directory website using jQuery and JavaScript, creating a dynamic and user-friendly interface with filtering capabilities
- Collaborated with the IT team to identify security process improvements and proposed ideas to better their compliance.

STUDENT LEADERSHIP & CERTIFICATIONS

Google Professional Cybersecurity Certification (In Progress)

Coursera, November 2026

Cybersecurity Certificate Program (In Progress)

North Carolina A&T State University, May 2026

Citadel Campus Ministries

September 2023 – Present

Treasurer

- Organized fundraising events that successfully raised roughly **\$2000**.
- Assisted in coordinating and leading weekly student-led Bible studies, fostering a space for spiritual growth.